

15 required to encode said transmitter or know said transmitter code;

a radio frequency receiver responsive to said radio frequency transmitter signal to provide receiver signals indicative of said transmitter code;

20 a system control unit disposed within said vehicle and having control over said vehicle antitheft apparatus, said control unit comprising:

a digital memory;

25 programming apparatus responsive to said receiver signals for recording in said memory only during a programming mode said transmitter code as a signature control signal for arming or disarming said vehicle antitheft apparatus;

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35 operating apparatus operable during a system security operating mode and responsive to said receiver signals for comparing said receiver signals to said recorded signature control signal and arming said vehicle antitheft apparatus upon a first receipt and recognition of receiver signals corresponding to said signature control signal, and for disarming said antitheft apparatus upon a second receipt and recognition of receiver signals corresponding to said signature control signal.

5 ~~96.~~ The vehicle security system of Claim ~~95~~ wherein said programming apparatus is operable in the program mode to record a plurality of different transmitter codes from a plurality of remote control transmitters as a plurality of different signature control signals, and wherein said operating apparatus is responsive to said receiver signals for comparing said receiver signals to each of said signature control signals to find a match, and arms said antitheft apparatus upon a first receipt and recognition of any

10 one of said recorded signature control signals, and disarms
said antitheft apparatus upon a second receipt and recognition
of any one of said recorded signature control signals.

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97. The vehicle security system of Claim 96 wherein
said plurality of transmitter codes includes a first
transmitter code having N digital bits and a second trans-
mitter code having M digital bits, and wherein N does not
equal M.

98. The vehicle security system of Claim 95 wherein
said system control unit includes a program switch disposed
in said vehicle, and said system control unit is responsive
to said switch for entering the program mode.

99. The vehicle security system of Claim 95 wherein
said remote control transmitter is encoded with said
transmitter code by the manufacturer thereof.

100. The vehicle security system of Claim 95 wherein
operating apparatus is further responsive to intrusion
attempt signals from said sensor apparatus for activating
said vehicle antitheft apparatus upon tripping of said
sensor apparatus only when said antitheft apparatus is
armed.

101. The vehicle security system of Claim 95 wherein
said antitheft apparatus includes apparatus for disabling
operation of said vehicle.

102. The vehicle security system of Claim 101 wherein
said apparatus for disabling operation of said vehicle
includes circuitry for disabling an ignition system of said
vehicle.

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